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TEXTILE ORGANON

Volume 57, No. 11 ☐ November 1986 — A publication of the *Textile Economics Bureau, Inc.*

MONTHLY REVIEW

Highlights

***Textile Organon** Features:*

1986 Listing of Man-Made Fiber Producers . . . begins on page 256.

Third Quarter 1986 Production of Noncellulosic Yarn+Monofilaments and Staple+Tow records modest gain. . . see pages 270-271.

Third Quarter Inventories of Noncellulosic Yarn+ Monofilaments and Staple+Tow are Falling . . . . see pages 270-271.

In October, shipments of noncellulosic yarn+monofilaments totaled 330.3 million pounds, up 0.8% from the 327.8 million pounds shipped in September.

- ***Nylon industrial yarn*** shipments rose by 21% to 31.1 million pounds.
- ***Nylon carpet yarn*** shipments fell to 77.6 million pounds, down 7.5%.
- ***Polyester industrial yarn*** shipments increased by 9% to 27.8 million pounds.

Shipments of noncellulosic staple+tow, during October, rose to 361.9 million pounds, a modest gain of 0.2% from the 361.0 million pounds shipped during the month of September.

- ***Acrylic staple+tow*** shipments fell nearly 4% to 53.7 million pounds.
- ***Olefin+Vinyon staple*** shipments increased to 28.3 million pounds, up 8.4%.

Cellulosic staple shipments rose by almost 7% to 35.6 million pounds.

TABLE 1:
TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT*

ITEM	1986 OCT	1986 SEPT	% [a]	1985 OCT	% [b]	YEAR TO DATE 1986	YEAR TO DATE 1985	% [c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	17.5	17.6	*-0.6*	17.6	*-0.6*	178.9	174.5	*+2.5*
NYLON [d] - INDUSTRIAL	31.1	25.7	*+21.0*	25.6	*+21.5*	275.4	288.2	*-4.4*
- CARPET	77.6	83.9	*-7.5*	76.7	*+1.2*	750.4	686.3	*+9.3*
- TEXTILE [e]	30.0	30.2	*-0.7*	30.4	*-1.3*	302.7	295.6	*+2.4*
POLYESTER - INDUSTRIAL	27.8	25.5	*+9.0*	25.1	*+10.8*	260.0	243.5	*+6.8*
- TEXTILE [e]	74.1	72.3	*+2.5*	89.2	*-16.9*	712.9	859.0	*-17.0*
OLEFIN	89.7	90.2	*-0.6*	75.4	*+19.0*	850.7	790.0	*+7.7*
TOTAL NONCELLULOSIC ABOVE	330.3	327.8	*+0.8*	322.4	*+0.8*	3152.1	3162.6	*-0.3*
STAPLE+TOW+FIBERFILL								
RAYON	35.6	33.3	*+6.9*	33.6	*+6.0*	334.8	298.3	*+12.2*
NYLON [d]	91.4	91.4	*--*	75.6	*+20.9*	753.9	693.6	*+8.7*
ACRYLIC+MODACRYLIC	53.7	55.8	*-3.8*	58.7	*-8.5*	523.3	550.4	*-4.9*
POLYESTER	188.5	187.7	*+0.4*	180.8	*+4.3*	1766.1	1703.0	*+3.7*
OLEFIN+VINYON	28.3	26.1	*+8.4*	24.9	*+13.7*	275.0	241.0	*+14.1*
TOTAL NONCELLULOSIC ABOVE	361.9	361.0	*+0.2*	340.0	*+6.4*	3318.3	3188.0	*+4.1*

-- -- Means no change.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Low denier industrial Nylon and Polyester is included with Textile.
Also see footnotes on last page of this issue.

NOVEMBER 1986

Textile Organon

A Monthly Review

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ISSN 0040-5132

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Textile Economics Bureau, Inc.

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Current Subscription Rates
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	140.00	210.00
Schools & Nonprofit	50.00	75.00
Single issues:		
June	40.00	60.00
September	40.00	60.00
All Others	25.00	35.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

DATAGRAM

MODEST GAIN OF THIRD QUARTER PRODUCTION

Third quarter 1986 production of noncellulosic yarn+monofilaments and staple+tow improved by 1.9% from second quarter levels.

- Yarn production increased by 1.6% to 938.7 million pounds.
- Staple production rose by 2.2% to 1000.9 million pounds.

INVENTORIES ARE FALLING

Inventories of noncellulosic yarn+monofilaments and staple+tow continue to fall for the third consecutive quarter of this year.

- Third quarter 1986 inventories, for both yarn and staple, fell by 4.6% from second quarter 1986 levels, and 6.6% from first quarter 1986.

BASF INTRODUCES NEW RAYON FOR JERSEY FABRICS

BASF Fibers has introduced a new high-speed rayon product. The new rayon gives a softer hand to knit jersey fabrics. The company is upgrading its production facilities for the fiber in its Tennessee plant. (Knitting Times, September 1986)

DUPONT TO SELL PART OF ITS NONWOVEN BUSINESS

DuPont has signed a letter of intent to sell the worldwide business for its Remay spunbonded nonwovens and the U.S. based business for its Typar spunbonded nonwovens to Intertech Group of Charleston, S.C. Remay and Typar are two of DuPont's four spunbonded nonwoven products. The others are Tyvek and Sontara, which the company is retaining. The deal will include manufacturing facilities for Remay and Typar in Old Hickory, Tenn., patents, technology and inventories. Not included is DuPont's Typar plant in Luxembourg and it's European Typar business. According to DuPont, Remay and Typar "no longer fit our long-range business objectives". (DNR 10/8/86)

COURTAULDS TO AQUIRE CYANAMID FIBERS UNIT

Courtaulds may be about to enter the U.S. acrylics market with the aquisition of American Cyanamid's acrylic fibers operation. An aquisition of this kind would make Courtaulds the world's top acrylic fiber producer. (ECN 11/3/86)

1986 DIRECTORY OF U.S. MAN-MADE FIBER PRODUCERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

(1) Cellulosic plus Noncellulosic Fibers
(2) Olefin Fiber
(3) Textile Glass Fiber

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

- Indicates a company producing olefin fiber as well as other man-made fiber(s). For example, Ametek produces olefin fiber (page 259) as well as nylon, polyester and saran.

• Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1986 or later.

Yarn means filament yarn.

Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross-section. Monofilaments for bristles are excluded.

Film includes **Slit:** tape produced by slitting an already-attenuated wide sheet of olefin film; and **Split:** fibrilllated slit film.

Not included in this survey is the slit film used for decorative or tying ribbon and such.

Rope includes braided and twisted rope as well as filler or core fiber.

Cordage is under 3/16" and includes tying and harvest (baler and binder) twine.

Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES & TRADEMARKS

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name and are shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Textile glass fiber thus ***does not*** include the substantial poundages of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.

Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving.

Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (1/2" to 3" strands deposited in a random manner and resin bonded).

Chopped: Chopped yarn, strand or roving (1/4" to 3-3/4" length).

Milled: Hammer-milled yarn, strand or roving (1/32" to 1/4" length).

Staple Yarn & Silver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

CELLULOSIC (ARTIFICIAL) FIBERS

Acetate: Cellulosic acetate. Cigarette filtration tow is excluded.

Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

Cupra: Cuprammonium rayon.

The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

NONCELLULOSIC (SYNTHETIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight

Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Azlon: Regenerated natural protein.

Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.

Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings. In this survey, any aramid data are included with nylon.

Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units, and parasubstituted hydroxybenzoate units.

Saran: At least 80% vinylidene chloride by weight.

Spandex: At least 85% of segmented polyurethane.

Vinyon: At least 85% vinyl chloride by weight.

Other man-made fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE-** & **FEP-**fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex and nytril are no longer produced.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT ●

EXECUTIVE OFFICE: 156 S. Main Street, Homer, NY 13077

Fluoro	Homer, NY. *Halar, Kynar, Teflon, Tefzel* (monofil)
Nylon 6, 66 & 612	Homer (monofil)
Polyester	Homer (monofil-regular & hydrolysis-resistant)

ALLIED-SIGNAL INC. ENGINEERED MATERIALS SECTOR, FIBERS DIVISION ●

EXECUTIVE OFFICE: 1411 Broadway, New York, NY 10018
REGIONAL SALES: 400 N. Tustin Avenue, Santa Ana, CA 92705
1775 The Exchange, Suite 160, Atlanta, GA 30339
2100 Fiber Park Drive, Dalton, GA 30720
64 South Miller Road, Akron, OH 44313

Nylon 6	Columbia, SC & Hopewell, VA. *A.C.E., Anso, Anso-Tex, Anso V Worry Free, Caprolan, Captima, Captiva, Hydrofil, Nypel, Sea Gard* (yarn, monofil & staple)
Polyester	Moncure, NC. *A.C.E.* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
REGIONAL SALES: 350 Fifth Avenue, Suite 2602, New York, NY 10118
P.O. Box 32787, Charlotte, NC 28232

Acrylic	Milton, FL. *Creslan* (staple & tow)

AMERICAN HOECHST CORPORATION

EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876

HOECHST FIBERS INDUSTRIES DIVISION

EXECUTIVE OFFICE: 1515 Broadway, New York, NY 10036
REGIONAL SALES: 5601-77 Center Drive, Suite 250, Charlotte, NC 28210
3711 Long Beach Blvd., Suite 801, Long Beach, CA 90807

Polyester	Spartanburg, SC. *Trevira* (yarn, monofil, staple & spunbonded)

AMETEK INC., SPECIAL FILAMENTS DIVISION ●

EXECUTIVE OFFICE: Box 339, Odenton, MD 21113

Nylon 6, 66, 612 & 11	Odenton, MD (monofil)
Polyester	Odenton (monofil)
Saran	Odenton (monofil)

AVTEX FIBERS INC. ●

EXECUTIVE OFFICE: Bldg. 200, Berwyn Park, Cassatt Road, P.O. Box 880, Valley Forge, PA 19482
SALES OFFICE: 1185 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 1 Fairview Plaza, 5950 Fairview Road, Suite 501, Charlotte, NC 28210

Polyester	Lewistown, PA. *Avlin* (yarn)
Rayon	Front Royal, VA. *Aviloc, Avril, Avril II, Avril III, Avril Prima, Fibers 40 & 43* (ind yarn & staple)

BASF CORPORATION FIBERS DIVISION

EXECUTIVE OFFICE: P.O. Drawer D, Williamsburg, VA 23187
REGIONAL SALES: 5505 East Carson Street, Suite 205, Lakewood, CA 90713

BASF CORPORATION FIBERS DIVISION
REGIONAL SALES *(CONTINUED)*:
500 Holiday Avenue, Dalton, GA 30720
111 West 40th Street, New York, NY 10018
Four Seasons Executive Center, 3A Terrace Way, Greensboro, NC 27403

Acrylic	Williamsburg, VA. *Zefkrome, Zefran* (staple)
Nylon 6	Enka, NC, Anderson & Central, SC & Lowland, TN. *Crepeset, Lurelon, Monosheer, Shimmereen, Vivana, Zefsport, Zeftron* (yarn & staple)
Polyester	Lowland, TN. *Golden Glow, Golden Touch, Poly extra, Shanton, Silky Touch, Strialine, Ultra Touch* (yarn)
Rayon	Lowland, TN. *Absorbit, Fiber 700, Zantrel* (staple)

BASF Corporation has carpet yarn spinning plants at Allendale, SC and Sylvania, GA

BERKLEY & CO. INC. ●

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION

EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203

Nylon 6	Bristol, VA. *Camalon* (yarn)

CELANESE FIBERS

A DIVISION OF CELANESE CORPORATION

(Includes former Fiber Industries plants)
EXECUTIVE OFFICE: P.O. Box 32414, Charlotte, NC 28232
MARKETER: Celanese Fibers, 1211 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 110 E. 9th Street, Room A 1229, Los Angeles, CA 90079
6000 Lake Forest Drive, Suite 300, Atlanta, GA 30328
P.O. Box 32414, Charlotte, NC 28232
2950 W. Market Street, Akron, OH 44313

Acetate	Rock Hill, SC *(Celriver)* & Narrows, VA *(Celco)* Celanese (yarn, staple & tow)
Polyester	Fayetteville, Salisbury & Shelby, NC & Darlington & Greenville, SC. *Ceylon, Comfort Fiber, ESP, Fortrel, Fortrel 7, Loftguard, PolarGuard* (yarn, staple, tow & fiberfill)
PBI	Rock Hill (staple)
Triacetate	Rock Hill. *Arnel* (yarn, staple & tow)
Vinyon	Rock Hill (staple)

COLORFY/MARTIN FIBERS INC.

EXECUTIVE OFFICE: P.O. Box 469, Edgefield, SC 29824

Nylon	Sumther & Trenton, SC (staple & tow)
Polyester	Sumther & Trenton (staple)

CORTLAND LINE COMPANY

EXECUTIVE OFFICE: 3736 Kellog Road, Cortland, NY 13045

Nylon 6	Cortland, NY (monofil-captive)

COURTAULDS NORTH AMERICA INC.

EXECUTIVE OFFICE: 104 West 40th Street, New York, NY 10018
REGIONAL SALES: P.O. Box 2648, Mobile, AL 36652

Rayon	Le Moyne, Mobile County, AL. *Coloray & Fibro* (staple)
Nylon 6	Le Moyne. *Courtaulds, Shareen* (yarn & monofil)

E. I. DU PONT DE NEMOURS & COMPANY (INC.) ●

TEXTILE FIBERS DEPARTMENT ●

EXECUTIVE OFFICE: Wilmington, DE 19898

REGIONAL SALES: 5500 Union Pacific Avenue, City of Commerce, CA 90022
2 N. La Salle Street, Suite 1905, Chicago, IL 60602
1251 Avenue of the Americas, New York, NY 10020
6250 Fairview Road, Charlotte, NC 28234
2770 W. Market Street, Akron, OH 44313
300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411

Acrylic	Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
Aramid	Richmond, VA *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE; Camden, SC; Chattanooga, TN & Martinsville, Richmond & Waynesboro, VA (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC; Camden & Charleston, SC & Old Hickory, TN *Dacron*, (yarn, staple, tow & fiberfill), *Reemay* (spunbonded), *Sontara* (spunlaced)
Spandex	Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS DEPARTMENT

EXECUTIVE OFFICE: See listing above.

Nylon 6, 66, 612 & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex & Vylor* (monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY

EASTMAN CHEMICALS DIVISION

EXECUTIVE OFFICE: Kingsport, TN 37662

MARKETER: EASTMAN CHEMICAL PRODUCTS, INC., P.O. Box 431, Kingsport, TN 37662

REGIONAL SALES: 1133 Avenue of the Americas, New York, NY 10036

Acetate	Kingsport, TN *Chromspun, Estron* (yarn)
Polyester	Kingsport, TN & Columbia, SC *Kodel* (yarn & staple)

FIRESTONE FIBERS & TEXTILES COMPANY

DIVISION OF FIRESTONE TIRE & RUBBER COMPANY

EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052

Polyester	Hopewell, VA (yarn)

FOSS MANUFACTURING COMPANY, INC ●

EXECUTIVE OFFICE: Ward Hill Industrial Park, Haverhill, MA 01830

PLANT OFFICE: Haverhill, MA 01830

Polyester	(staple-captive)

GLOBE MANUFACTURING CO.

EXECUTIVE OFFICE: 456 Bedford Street, Fall River, MA 02720

Spandex	Fall River, MA & Gastonia, NC *Cleerspan, DC-100, DC-700, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY, CHEMICAL DIVISION

EXECUTIVE OFFICE: Akron, OH 44316

Polyester	Scottsboro, AL & Point Pleasant WV (yarn-captive)

GUILFORD MILLS, GAINESVILLE DIVISION

EXECUTIVE OFFICE: 4925 West Market Street, Greensboro, NC 27402

PLANT OFFICE: 455 Osborne Street, S.E., Gainesville, GA 30501

Nylon 6	Gainesville, GA (yarn & monofil-captive)

HANOVER MILLS, INCORPORATED

Subsidiary of Falk Fibers & Fabrics Inc.

EXECUTIVE OFFICE: 2120 Pinecroft Road, Greensboro, NC 27407

REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407

Nylon 6	Yanceyville, NC *Hanover* (yarn & monofil)

JOHNSON FILAMENTS, INC. ●

Subsidiary of JWI Ltd.

EXECUTIVE OFFICE: Industrial Avenue, Williston, VT 05495

Nylon 6/66	Williston, VT (monofil)
Polyester	Williston (monofil)

KAYSER-ROTH CORPORATION, YARN PROCESSING DIVISION

EXECUTIVE OFFICE: 2303 W. Meadowview Road, Greensboro, NC 27407

Nylon 66	Creedmoor, NC (yarn-captive)

MKS COMPANY INC.

EXECUTIVE OFFICE: 1401 West Elk Avenue, Elizabethton, TN 37643

Polyester	Elizabethton, TN (staple)

MONOFILAMENTS, INC.

EXECUTIVE OFFICE: 1401 Hopeman Pkwy., Waynesboro, VA 22980

Nylon 6/66	Waynesboro, VA (monofil)
Polycarbonate	Waynesboro (monofil)
Polyester	Waynesboro (monofil)

*The company also produces fusible nylon (monofil) at its Waynesboro facility.

MONSANTO COMPANY

EXECUTIVE OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167

MONSANTO CHEMICAL COMPANY, FIBERS & ENGINEERED PRODUCTS DIVISION

REGIONAL SALES: 24012 Calle de la Plata, Suite 250, Laguna Hills, CA 92653
320 Interstate North Pkwy., Atlanta, GA 30339
Merchandise Mart, 222 North Bank Drive, Chicago, IL 60654
1460 Broadway, 11th Floor, New York, NY 10036
6230 Fairview Road, Charlotte, NC 28210
260 Springside Drive, P.O. Box 5444, Akron, OH 44313

Acrylic	Decatur, AL *Acrilan, Acrilan II, B-Loft, Fi-Lana, Pa-Qel, Remember, So-Lara, So-Qel,* (staple & tow)
Modacrylic	Decatur *SEF, SEF Plus* (staple & tow)
Nylon 66	Pensacola, FL & Greenwood, SC *No-Shock, Ultron* (yarn & staple)

MONSANTO COMPANY *(CONTINUED)*

ASTRO TURF INDUSTRIES INC.

SALES OFFICE: 809 Kenner Street, Dalton, GA 30720

Nylon 66	Dalton, GA *Astro Turf* (recreational surfaces)

NORTH AMERICAN RAYON CORPORATION

EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643
REGIONAL SALES: 500 Fifth Avenue, New York, NY 10110

Rayon	Elizabethton, TN (ind & reg yarn & tow)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION

SALES OFFICE: 6111 Shakespeare Road, P.O. Box 4060, Columbia, SC 29240

Nylon 6/66 & 610	Columbia, SC (monofil & monofil thread)
Polyester	Columbia (monofil & monofil thread)

STAR FIBERS, INC.

EXECUTIVE OFFICE: 136 Fuller Road, Albany, NY 12205
REGIONAL SALES: Edgefield, SC 29824

Nylon 6	Edgefield, SC *Starbrite* (staple)

SUNSHINE CORDAGE CORPORATION ●

EXECUTIVE OFFICE: 7250-7270 N.W. 41st Street, Miami, FL 33166

Nylon 6	Miami, FL *Sunylon* (yarn & cordage)

TOLARAM FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 436, 525 Highway 522 North, Ansonville, NC 28007

Nylon	Ansonville, NC (yarn)
Polyester	Ansonville (yarn)

UNIVERSAL POLYMER PRODUCTS CORPORATION

Subsidiary of Falk Fibers & Fabrics Inc.
EXECUTIVE OFFICE: See **Hanover Mills**
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407

Polyester	Fuquay-Varina, NC (yarn & monofil)

WELLMAN, INC., MAN-MADE FIBER DIVISION

EXECUTIVE OFFICE: P.O. Box 188, Johnsonville, SC 29555
67 Walnut Avenue, Suite 308, Clark, NJ 07066
REGIONAL SALES: 1200 East Morehead Street, Charlotte, NC 28204
25 Braintree Hill Park, Suite 302, Braintree, MA 02184

Nylon 6	Johnsonville, SC *Wellon* (staple)
Nylon 66	Johnsonville *Wellon, Wellstrand* (staple, tow & tops)
Polyester	Johnsonville *Fillwell, Wellene, Wellstrand* (staple & tow)

YKK ZIPPER CO.

Polyester	Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC.

EXECUTIVE OFFICE: 71 Villanova Street, Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn)

ALADDIN CARPETS, INC.

EXECUTIVE OFFICE: P.O. Box 2208, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT

EXECUTIVE OFFICE: See Listing on Page 257
PLANT: Homer, NY (P monofil)

ALLIED-SIGNAL INC. ENGINEERED MATERIALS SECTOR, FIBERS DIVISION

EXECUTIVE OFFICE: See Listing on Page 257
PLANT: Chesterfield, VA *Spectra* (P yarn & staple)

AMERICAN MANUFACTURING COMPANY

EXECUTIVE OFFICE: 200 South Park Road, Lafayette, LA 70505
REGIONAL SALES: 22310 S. Bonita Street, Carson, CA 90801
5854 Hollis Street, Emeryville, CA 94608
2214 W. 21st Street, P.O. Box 52134, Jacksonville, FL 32201
6002 North 51st Street, Tampa, FL 33610
3312 Bloomingdale Avenue, Melrose Park, IL 60160
6110 Bienvenue Street, New Orleans, LA 70117
139 California Street, Newton, MA 02158
1715 South 11th Street, St. Louis, MO 63104
1350 Kress Street, Houston, TX 77020
5050 First Avenue South, Seattle, WA 98134

LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope* (E & P monofil & film)

AMERICAN POLYCRAFT

EXECUTIVE OFFICE: P.O. Box 3603, Dalton, GA 30721
PLANT: Dalton, GA (P yarn & film)

AMETEK INC., SPECIAL FILAMENTS DIVISION

EXECUTIVE OFFICE: See Listing on Page 257
PLANT: Odenton, MD (E & P monofil)

AMOCO FABRICS & FIBERS COMPANY

EXECUTIVE OFFICE: 900 Circle 75 Parkway, Suite 550, Atlanta, GA 30339
REGIONAL SALES: 15066 Shoemaker Avenue, Santa Fe Springs, CA 90670
P.O. Box 911, Dalton, GA 30720
P.O. Box 3667, 604 Sheridan Avenue, Dalton, GA 30720
700 West 1st Street, Lowell, NC 28098

AMOCO FABRICS & FIBERS COMPANY *(CONTINUED)*
PLANT: Andalusia & Roanoke, AL; Bainbndge, Hazlehurst & Nashville, GA; Lowell, NC & Afton, VA (P yarn, monofil, film & staple)
The company produces *PolyBac and Polybac FLW* primary carpet backing, *Action Bac* secondary carpet backing, *Amo Pave, Amo Weve and Propex* industrial goods, and *Marquesa Lana, Patton, Patlon Plus and Synera* yarn at these locations.

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Avenue, Lowell, MA 01853
PLANT: Lowell, MA (P film)

ARMSTRONG WORLD INDUSTRIES, INC.
EXECUTIVE OFFICE: Lancaster, PA 17604
PLANT: Charlotte, NC (P film-captive)
The company weaves carpet backing.

AVTEX FIBERS, INC.
EXECUTIVE OFFICE: See Listing on Page 257
PLANT: Front Royal, VA (P staple)

BEAULIEAU OF AMERICA
EXECUTIVE OFFICE: P.O. Box 4539, Dalton GA 30721
PLANT: Dalton, GA (P yarn)

BEMIS COMPANY, INC.
EXECUTIVE OFFICE: 800 Northstar Center, Minneapolis, MN 55402
REGIONAL SALES: 2400 S. Second Street, St. Louis, MO 63104
90 Park Avenue, New York, NY 10016
PLANT: St. Louis, MO (P film)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: See Listing on Page 257
PLANT: Spirit Lake, IA (E & P monofil-captive)

BLUE MOUNTAIN EXTRUSIONS
EXECUTIVE OFFICE: P.O. Box 100, Anniston, AL 36202
PLANT: Anniston, AL *Gold Medal, Poly Autotwine, Poly Macramé, Polylasting, TY-EZ Polytape, Tylon, Tytite* (E & P film cordage)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th Street, Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

BURLINGTON, INC.
EXECUTIVE OFFICE: P.O. Box 21207, Greensboro, NC 27420
PLANT: Greensboro, NC (P yarn)

CHASE BAG COMPANY
EXECUTIVE OFFICE: 2 Greenwich Plaza, Greenwich, CT 06830
PLANT: Portland, OR (P film industrial goods)

COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: P.O. Box 270, Hwy. 45 North, Guntown, MS 38849
REGIONAL SALES: P.O. Box 270, Hwy. 45 North, Guntown, MS 38849
PLANT: Guntown, MS *Polypro 6* (E & P monofil & film)

CONCORDE FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 200, Hwy. 45, Jamestown, SC 29453
PLANT: Jamestown, SC (P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil)

CUMBERLAND MILLS, INC.
EXECUTIVE OFFICE: 1010 N. Hamilton Street, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET
PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.
EXECUTIVE OFFICE: P.O. Box 46, Eton, GA 30724
PLANT: Eton, GA (P yarn & film)

E. I. DU PONT NEMOURS & COMPANY (INC.)
TEXTILE FIBERS DEPARTMENT
EXECUTIVE OFFICE: See Listing on Page 258
PLANT: Old Hickory, TN & Richmond, VA *Typar* (P spunbonded), *Tyvek* (E spunbonded)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Avenue, Central Falls, RI 02862
PLANT: Central Falls, RI (P yarn & film)

ENSIGN-BICKFORD INDUSTRIES, INC. FILM FIBERS DIVISION
EXECUTIVE OFFICE: 660 Hopmeadow Street, Simsbury, CT 06070
PLANT: Simsbury, CT (P film)

EXXON CHEMICAL AMERICAS, INDUSTRIAL TEXTILES DIVISION
DIVISION HEADQUARTERS: 2550 West Fifth North Street, Summerville, SC 29483-9699
MARKETING OFFICE: 380 Interstate North, Suite 375, Atlanta, GA 30339
PLANT: Kingman, KS (P monofil & film cordage)
Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon & Fuzzbak* carpet backing and packaging fabrics at Summerville, SC.

FIBERS & FABRICS OF GEORGIA, INC.
Subsidiary of Georgia Synthetics, Inc.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (P yarns, fibrillated, roll embossed filaments & ribbon yarn)

FIBERS SOUTH, INC.
EXECUTIVE OFFICE: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar, Trustite & Tyrite* (P film, monofil, tapes & staple)
Clearfield, UT *Trustite & Tyrite* (P film)

FIBRON CORPORATION OF TENNESSEE
Affiliate of Synthetic Industries
EXECUTIVE OFFICE: Chickamauga, GA
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

FILAMENT FIBER TECHNOLOGY INCORPORATED
EXECUTIVE OFFICE: 999 Airport Road, Lakewood, NJ 08701
PLANT: Lakewood, NJ (P yarn)

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FOSS MANUFACTURING CO., INC.
EXECUTIVE OFFICE: See Listing on Page 258
(P staple-captive)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE: Orchard Hill Road, LaGrange Industrial Park, LaGrange, GA 30240
PLANT: LaGrange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here.

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (P film carpet backing)
Also see listing for **Fibers & Fabrics of Georgia, Inc.**

GLADDING CORDAGE CORPORATION
EXECUTIVE OFFICE: Gladding St., South Otselic, NY 13155
PLANT: South Otselic, NY (P monofil)

HERCULES INCORPORATED
HERCULES ENGINEERED & FABRICATED PRODUCTS COMPANY, FIBERS
EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Rd., Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Avenue, Greenwich, CT 06830
PLANT: Oxford, GA *Elustra, Herculon, Nouvelle* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY
EXECUTIVE OFFICE: 677 Cincinnati Avenue, Xenia, OH 45385
PLANT: Xenia, OH (P film cordage)

INTEGRATED PRODUCTS, INC.
EXECUTIVE OFFICE: P.O. Box 1791, Rome, GA 30161
PLANT: Rome, GA (P staple)

J & J INDUSTRIES
EXECUTIVE OFFICE: P.O. Box 1287, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

JAMES RIVER CORPORATION
(FORMERLY CROWN ZELLERBACH CORP.)
EXECUTIVE OFFICE: 1 Bush Street, San Francisco, CA 94119
SALES HEADQUARTERS: 3720 Grant Street, Washougal, WA 98671
PLANT: Washougal, VA *Celestra, Fibretex* (P spunbonded)

JOHNSON FILAMENTS
EXECUTIVE OFFICE: See Listing on Page 258
PLANT: Williston, VT (P monofil)

KELLER INDUSTRIES, INC.
EXECUTIVE OFFICE: 18000 State Road #9, North Miami, FL 33162
PLANT: Swainsboro, GA (P monofil-captive)
The company weaves outdoor furniture webs here.

KIMBERLY-CLARK CORPORATION
EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANT: Corinth, MS; Balfour, NC; LaGrange, GA & Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded), *Cyclean, Evolution III* (P spunbonded/ meltblown laminate)

LAMBETH CORPORATION
EXECUTIVE OFFICE: 627 Tarkiln Hill Road, New Bedford, MA 02745
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY
A Consolidated Foods Company
SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil-captive)

LORETEX
DIVISION OF OIVIND LORENTZEN, INC.
EXECUTIVE OFFICE: 522 Fifth Avenue, New York, NY 10036
REGIONAL SALES: Northeastern Industrial Park, Guilderland Center, NY 12505
PLANT: Guilderland Center, NY (E film-captive)

MIRAFI INC.

Subsidiary of Dominion Textiles

EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Moultrie, GA (P film-captive)

NSI, INC.

ADMINISTRATION OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film-captive)
The company weaves carpet backing here.

THE OSTERNECK COMPANY

EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves carpet backing and industrial goods here.

PHILLIPS FIBERS CORPORATION

Subsidiary of Phillips 66 Company

EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602
PLANT: Rocky Mount, NC; Seneca & Spartanburg, SC *Marvess* (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon & Supac* nonwoven fabrics at Seneca, SC.

POLYLOOM CORP. OF AMERICA

EXECUTIVE OFFICE: 1615 N. Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

SARLON INDUSTRIES, INC.

EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, Fl (P monofil & film)

SHUFORD MILLS, INC.

EXECUTIVE OFFICE: Highland Avenue & 15th Street, N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage & twine)

SOLUTION FIBERS INC.

EXECUTIVE OFFICE: P.O. Box 447, 110 West McCarter Road, Lafayette, GA 30728
PLANT: Lafayette, GA *Better Body, Luxere* (P yarn)

SOUTHERN WEAVING, INC.

PLANT: Greenville, SC (P yarn)

STEVENS FIBER DIVISION, STEVENS LINEN ASSOC., INC.

EXECUTIVE OFFICE: P.O. Box 220, Webster, MA 01570
PLANT: Dudley, MA (P staple)

SUNSHINE CORDAGE CORPORATION

EXECUTIVE OFFICE: See Listing on Page 259
PLANT: Miami, Fl (E & P monofil, cordage)

SYNTHETIC INDUSTRIES

EXECUTIVE OFFICE: 309 Lafayette Road, Chickamauga, GA 30707
PLANT: Chickamauga & Dalton, GA (P film & staple-captive)
The company weaves carpet backing and industrial fabrics.

TECHNOTRADE

PLANT: Dalton, GA (P yarn)

TWINE PRODUCTS CORPORATION

EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY

EXECUTIVE OFFICE: 711 Hamilton Avenue, Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.

EXECUTIVE OFFICE: P.O. Box 830, Granite Quarry, NC 28072
PLANT: Granite Quarry, NC (E & P monofil rope and cordage)

WALTRICH PLASTIC CORPORATION

EXECUTIVE OFFICE: P.O. Box D, Walthourville, GA 31333
PLANT: Walthourville, GA (P monofil)

WAYN-TEX INC.

EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA
The company weaves *Wayntuf* primary carpet backing (captive).

WELLINGTON PURITAN MILLS (MONTAIR DIV.)

EXECUTIVE OFFICE: Nelson Street, Pilot Mountain, NC 27401
PLANT: Pilot Mountain, NC *Pur-Ty, Wellbte* (P yarn & E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.

EXECUTIVE OFFICE: 52 Courtland Street, Paterson, NJ 07503
PLANT: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin: **California Webbing** (P yarn); **Cirtex** (P film); **Continental** (P yarn); **Conwed Corp. Conwed Plastic Netting** (P embossed film for netting); **Dicey** (P yarn); **E.I du Pont De Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); **Riegel Products Corporation** *Polyweb* (P meltblown); and **The 3M Company** (P spunbonded).

TEXTILE GLASS FIBER

CERTAINTEED CORPORATION

FIBER GLASS REINFORCEMENTS DIVISON

EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: 1801 E. Parkcourt Place, Bldg. D., Suite 104, Santa Ana, CA 92701
1464 Guava Avenue, Melbourne, FL 32935
306 Bellcourt Parkway, Rosewell, GA 30076
854 Fairway Drive, Bensenville, IL 60106
533-A Mur Len Road, Olathe, KS 66061
1976 Wooddale Blvd., Baton Rouge, LA 70806
103 Kilby Street, Hingham, MA 02043
1450 Souter Street, Troy, MI 48083-2986
2030 52nd Street, Ashtabula, OH 44004
5555 Airport Hwy., Suite 210, Toledo, OH 43615
1400 Union Meeting Road, Blue Bell, PA 19422
West Oak Square Offices, 4009 Anderson Mill Road, Spartanburg, SC 29301
4811 Lebanon Road, Hermitage, TN 37076
6326 Hart, Forth Worth, TX 76112
7414 N.E. Hazel Dell Avenue, Suite 207, Vancouver, WA 98665
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

F.G.I. FIBERS, INC.

EXECUTIVE OFFICE: Homestead Place, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped)

GAF BUILDING MATERIALS CORPORATION

EXECUTIVE OFFICE: 1361 Alps Road, Wayne, NJ 07670
PLANT: Irwindale, CA *Chemglass* (chopped), Nashville, TN (chopped)

GFT (GLASS FIBER TECHNOLOGY)

EXECUTIVE OFFICE: P.O. Box 670, Chester, SC 29706
PLANT: Chester, SC (wet chop for shingles)

LUNDY TECHNICAL CENTER

EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metalized glass fiber roving & strand and nonwoven metalized glass mat)

MANVILLE SALES CORPORATION

MATS, FIBER & REINFORCEMENTS DIVISION

EXECUTIVE OFFICE: Ken-Caryl Ranch, P.O. Box 5108, Denver, CO 80217
PLANT: Waterville, OH & Etowah, TN *Chop-Pak, Dura-Glass, Star Rov, Star Stran* (mat, chopped strand, staple yarn, sliver & rovings)

NICOFIBERS INC.

EXECUTIVE OFFICE: Ironpoint Road, Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Consumat, Sumat* (mat)

OMNI FIBERGLASS CORPORATION

DIVISION OF KOPPERS COMPANY

EXECUTIVE OFFICE: 15066 LaPalma, Chino, CA 91710
PLANT: Chino, CA (roving, chopped & milled)

OWENS-CORNING FIBERGLAS CORPORATION

EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 2215 Sanders Road, Northbrook, IL 60062
15300 W. 8 Mile, Oak Park, MI 48237
Bldg. 5601, 77 Center Drive, Suite 240, Charlotte, NC 28210
5700 Pearl Road, Suite 104, Cleveland, OH 44129
900 West Valley Road, Suite 1101, Wayne, PA 19087
12880 Hillcrest, Suite 100, Dallas, TX 75230
12301 N.E. 10th Place, Bellevue, WA 98005
PLANT: Huntington, PA, Aiken & Anderson, SC, Jackson, TN & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat chopped & milled)

PPG INDUSTRIES, INC.

FIBER GLASS PRODUCTS

EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 1800 E. McFadden Avenue, Suite 250, Santa Ana, CA 92705
500 Sugar Mill Road, Bldg. A, Suite 210, Atlanta, GA 30338
246 East Janata Blvd., Suite 200, Lombard, IL 60148
2155 West Big Beaver Road, P.O. Box 3510, Troy, MI 48084
AUTOMOTIVE SALES OFFICE: 2155 West Big Beaver Road, P.O. Box 3510, Troy, MI 48084
AZDEL SALES OFFICE: 1241 Chicago Road, Troy, MI 48084
TEXTILE PRODUCTS: 1601 East Garrison Blvd., Suite 210, Gastonia, NC 28054
2253 South Avenue, Westfield, NJ 07090
PLANT: Lexington & Shelby, NC (yarn, roving, mat, milled fiber, chopped strand, woven roving & rubber reinforcements)

SUPERIOR GLASS FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 89, Bremen, OH 43107
PLANT: Bremen, OH (mat)

TABLE 2:
LOCATION OF U.S. MAN-MADE FIBER PRODUCT-PRODUCING PLANTS

STATES & AREA	CELLU-LOSIC [a]	NONCELLULOSIC						TEX-TILE GLASS	GRAND TOTAL
		ACRYLIC [b]	NYLON [c]	OLEFIN	POLY-ESTER	OTHER [d]	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1			1		1
MASSACHUSETTS				4	1	1	6		6
RHODE ISLAND				2			2		2
VERMONT			1	1	1		3		3
TOTAL NEW ENGLAND			1	9	2	1	13		13
MID-ATLANTIC									
DELAWARE			1				1		1
MARYLAND			1	1	1	1	4		4
NEW JERSEY				1			1		1
NEW YORK			2	3	1	1	7	1	8
PENNSYLVANIA					1		1	1	2
TOTAL MID-ATLANTIC			4	5	3	2	14	2	16
PIEDMONT									
N. CAROLINA			3	9	7	1	20	2	22
S. CAROLINA	2	1	9	7	8	2	27	2	31
VIRGINIA	2	2	7	6	3	2	20		22
WEST VIRGINIA			1		2		3		3
TOTAL PIEDMONT	4	3	20	22	20	5	70	4	78
SOUTH									
ALABAMA	1	2	1	4	1		8		9
FLORIDA		1	2	2			5	1	6
GEORGIA			2	24	1		27		27
LOUISIANA				2			2		2
MISSISSIPPI				1			1		1
TENNESSEE	3		1	3	4		8	2	13
TEXAS								2	2
TOTAL SOUTH	4	3	6	36	6		51	5	60
MID-WEST & WEST									
CALIFORNIA				1			1	2	3
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
MISSOURI				1			1		1
OHIO				1			1	3	4
OREGON				1			1		1
UTAH				1			1		1
WASHINGTON									
WISCONSIN				1			1		1
TOTAL MIDWEST & WEST			1	10			11	5	16
TOTAL NUMBER OF PLANTS	8	6	30	82	28	8	154	16	178
TOTAL NUMBER OF STATES	4	4	13	27	12	6	30	9	31

a. Cellulosic includes rayon, acetate and triacetate.
b. Acrylic includes modacrylic.
c. Nylon includes aramid.
d. Other includes 1 fluorocarbon, 1 PBI, 1 polycarbonate, 1 saran, 3 spandex and 1 vinyon.

TRADE BAROMETER

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose in September, as the net-export balance of trade rose to 22.1 million pounds, up nearly 13% from the 19.6 million pound export balance in August.

Rising exports and declining imports of man-made fiber resulted in the improving trade balance. Exports of fiber totaled 52.4 million pounds, up almost 4% from August's level of 50.5 million pounds. Imports of fiber in September amounted to 30.3 million pounds, a decline of 2% from the 30.9 million pounds imported in August.

The September trade balance is 43% below that of September 1985, when the balance stood at 38.7 million pounds.

SEPTEMBER DETAIL

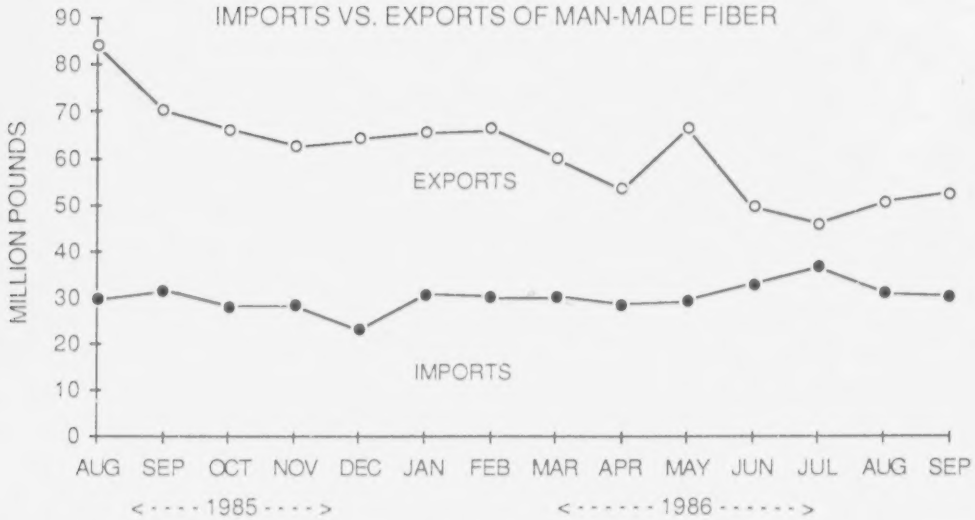
The net-export balance of trade in noncellulosic yarn+monofilaments in September rose almost 26% to 8.3 million pounds, while the net-export balance in noncellulosic staple+tow increased over 80% to 6.5 million pounds.

The balance of trade for cellulosic staple+tow declined by 87.5% as exports fell by 48% and imports rose over 18%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented, the manufactures trade data will again appear in the ***ORGANON.***

GRAPH 1:
IMPORTS VS. EXPORTS OF MAN-MADE FIBER



GRAPH 2:
MAN-MADE FIBER TRADE BALANCE DETAIL

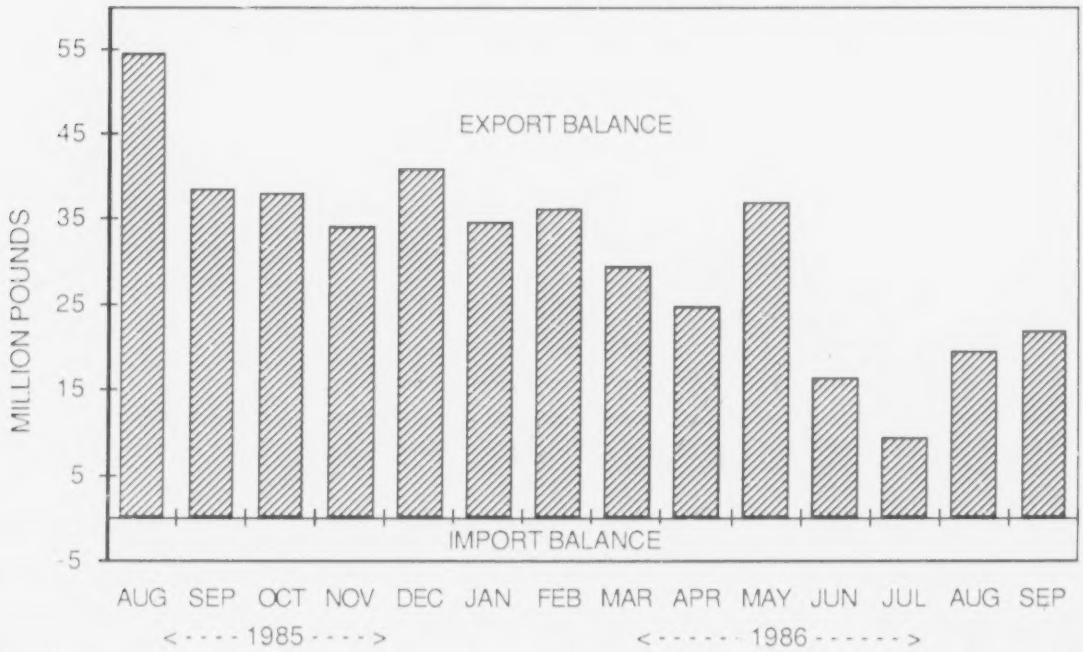


TABLE 3:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1985					1986								
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
CELLULOSIC YARN+MONOFILAMENTS	0.4 I	1.1 I	0.8 I	0.1 I	0.3 I	0.9 I	0.8 I	0.7 I	0.9 I	0.1 I	0.7 I	0.7 I	0.8 I	0.4 I
CELLULOSIC STAPLE+TOW	4.3 E	1.1 E	2.4 E	1.7 E	1.0 E	0.8 E	1.5 E	4.0 E	0.4 I	1.4 E	0.4 E	1.5 E	1.6 E	0.2 I
NONCELLULOSIC YARN+MONOFILAMENTS	23.2 E	19.3 E	18.1 E	20.3 E	20.5 E	20.5 E	15.3 E	14.4 E	13.6 E	20.0 E	7.1 E	6.4 E	6.6 E	8.3 E
NONCELLULOSIC STAPLE+TOW	22.5 E	16.3 E	14.1 E	5.5 E	14.6 E	9.1 E	12.1 E	5.6 E	4.0 E	8.6 E	4.0 E	1.2 E	3.6 E	6.5 E
CELLULOSIC WASTE	+	0.1 E	+	+	+	0.1 E	0.2 E	0.2 E	0.3 E	0.1 E	0.1 E	0.1 E	0.3 E	0.1 E
NONCELLULOSIC WASTE	4.9 E	3.0 E	4.4 E	6.7 E	5.3 E	5.2 E	8.0 E	6.1 E	8.3 E	7.0 E	5.7 E	0.9 E	8.3 E	7.8 E
TOTAL	54.5 E	38.7 E	38.2 E	34.1 E	41.1 E	34.8 E	36.3 E	29.6 E	24.9 E	37.0 E	16.6 E	9.4 E	19.6 E	22.1 E

I means net-import balance.
E means net-export balance.

TABLE 4:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEMS & COUNTRY	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	82	56	0	53	0	0	0	0	58				249	414
CANADA	200	420	226	302	698	431	465	443	516				3701	1746
GERMANY, FED. REP. OF	482	284	783	594	22	494	489	402	280				3830	4300
JAPAN	95	41	50	25	35	26	32	0	0				304	480
MEXICO	81	114	0	62	0	0	63	40	109				469	919
NETHERLANDS	195	181	167	233	34	179	124	268	175				1556	986
REP. OF KOREA	80	60	80	80	0	60	20	20	0				400	361
ALL OTHER COUNTRIES [a]	160	146	136	265	95	118	40	66	77				1103	600
TOTAL CELLULOSIC YARN	1375	1302	1442	1614	884	1308	1233	1239	1215				11612	9806
CELLULOSIC STAPLE+TOW														
AUSTRIA	259	0	217	126	138	150	102	49	0				1041	362
CANADA	777	981	724	948	764	620	1221	1333	1536				8904	5179
JAPAN	143	75	128	108	108	89	63	45	75				834	496
MEXICO	310	0	109	123	41	142	82	0	0				807	0
UNITED KINGDOM	105	39	80	69	42	40	114	4	132				625	1049
ALL OTHER COUNTRIES [b]	11	0	268	10	105	297	116	41	0				848	2204
TOTAL CELLULOSIC STAPLE+TOW	1605	1095	1526	1384	1198	1338	1698	1472	1743				13059	9290
NONCELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRALIA	0	16	31	2	8	18	7	17	11				110	1079
AUSTRIA	113	7	115	4	150	47	135	48	+				619	614
BELGIUM	1152	1901	531	297	449	1550	1024	1087	753				8744	5544
BRAZIL	1	56	0	0	6	0	0	0	0				63	233
CANADA	1282	338	857	1384	1239	1598	1793	1388	1551				11430	11665
COSTA RICA	480	430	349	608	736	647	468	751	393				4862	251
FRANCE	405	689	679	249	493	456	889	787	1187				5834	3772
GERMANY, FED. REP. OF	1195	1199	1397	774	1915	4022	2735	1900	1149				16286	13816
ISRAEL	413	277	316	226	179	239	487	264	197				2598	1933
ITALY	790	529	1158	895	1083	1331	1598	850	950				9214	10170
JAPAN	646	553	1019	693	895	758	807	719	151				6241	4995
MEXICO	128	917	1223	931	928	431	1366	1794	1394				9112	6159
NETHERLANDS	74	213	29	6	255	249	47	165	68				1106	642
SOUTH AFRICA	853	866	532	631	565	143	322	186	229				4327	9305
SWITZERLAND	74	74	1	2	224	59	1	2	1				438	849
TAIWAN	36	39	47	144	111	32	205	131	74				819	217
UNITED KINGDOM	573	510	352	307	454	581	754	866	868				5265	4945
YUGOSLAVIA	85	0	0	0	0	0	0	0	0				85	2719
ALL OTHER COUNTRIES [c]	47	218	192	215	172	145	369	197	462				2017	1144
TOTAL NONCELLULOSIC YARN	8347	8832	8828	7368	9862	12306	13007	11182	9438				89170	80052
NONCELLULOSIC STAPLE+TOW														
BELGIUM	25	18	57	39	85	41	18	21	75				379	463
BRAZIL	35	60	22	0	0	161	179	86	65				608	3225
CANADA	2650	1831	1430	1882	1977	1812	1464	1651	2073				16770	19331
COSTA RICA	31	44	0	0	0	0	0	0	0				75	2146
FRANCE	996	984	984	761	888	782	819	699	954				7867	7378
GERMANY, FED. REP. OF	3105	2727	2552	2994	3005	2524	2194	2490	1780				23371	20191
ISRAEL	42	81	48	80	28	44	25	0	13				361	832
ITALY	1237	1748	1504	1525	721	1345	2619	2572	2622				15893	11962
JAPAN	1919	1523	2265	1431	1515	2286	2381	2092	1578				16990	17587
MEXICO	1025	1105	1011	1249	1599	832	1973	1458	1119				11371	6214
NETHERLANDS	20	0	+	43	0	0	29	101	0				193	332
REP. OF KOREA	492	355	551	88	343	650	431	490	287				3687	3362
ROMANIA	210	88	158	0	438	0	456	119	294				1763	796
SOUTH AFRICA	80	88	0	25	53	53	49	0	98				446	424
SWITZERLAND	137	0	23	48	88	96	84	75	73				624	362
TAIWAN	2105	1587	2111	1961	1272	1380	2039	1532	895				14882	13131
UNITED KINGDOM	1819	2340	2151	2271	1800	2008	1659	1105	2343				17496	10050
ALL OTHER COUNTRIES [d]	116	330	216	222	326	164	156	185	301				2016	1056
TOTAL NONCELLULOSIC STAPLE+TOW	16044	14909	15083	14619	14138	14178	16575	14676	14570				134792	118842

+ Means a nominal poundage.
Other countries supplying 1986 poundages are:

a. Australia 18, Austria 30, Belgium 243, China, PRC 2, France 48, Ireland 427, Israel 45, Italy 9, Taiwan 62, Thailand 17, United Kingdom 108, Yugoslavia 94.

b. France 10, Germany, Federal Rep. of 94, Hong Kong 6, Italy 248, Sweden 445, Taiwan 45.

c. Argentina 41, Chile 88, China, PRC 60, Colombia 198, Denmark 122, Dominican Rep. +, Egypt +, Greece 2, Hong Kong +, Hungary 48, India +, Iran 1, Ireland 322, Korea, Rep. of 223, Norway 2, Philippines +, Romania 506, Singapore 90, Somalia 95, Spain 1, Sweden 167, Turkey 51.

d. Australia 477, Austria 244, China, PRC 117, Denmark 122, Finland 18, Greece 12, Haiti, 14, Hong Kong, 29, Ireland 218, Kenya 31, Malaysia 96, Philippines 1, Spain 27, Sweden 148, Thailand 138, Turkey 84, Yugoslavia 240.

TABLE 5:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	28	30	29	0	123	31	155	44	41				481	132
OTHER	310.0130 & .0230[a]	1309	1180	1318	1488	628	1160	1037	1188	1091				10399	9083
MONOFILAMENTS	309.0310 & .0610	0	5	6	0	4	0	0	0	0				15	19
STRIPS, $1/LB & UNDER	309.2000*	38	87	89	126	129	117	41	7	83				717	572
SUBTOTAL ABOVE		**1375**	**1302**	**1442**	**1614**	**884**	**1308**	**1233**	**1239**	**1215**				**11612**	**9806**
STAPLE	309.4320 & .4325	1465	1056	1396	1298	1121	1183	1524	1471	1654				12168	8416
GROUPED FILAMENTS	309.3010 & .3310	140	39	130	86	77	155	174	1	89				891	874
SUBTOTAL ABOVE		**1605**	**1095**	**1526**	**1384**	**1198**	**1338**	**1698**	**1472**	**1743**				**13059**	**9290**
WASTE, ADVANCED&NOT ADVANCED	**309.6615 & .7510**	**+**	**0**	**+**	**33**	**+**	**43**	**0**	**0**	**6**				**82**	**288**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450	310.0107 & .0207	150	195	203	139	548	252	213	296	258				2254	24984
MORE THAN 450	310.0108 & .0208	1809	1217	1092	918	2313	5096	4606	3308	3302				23661[j]	
- POLYESTER	310.0110 & .0210	748	1376	1165	1209	1039	380	1210	788	1148				9063	13246
- OTHER	310.0114 & .0214	1640	2607	1276	1088	1059	1829	1997	1193	945				13634	9871
OTHER - NYLON	310.0149 & .0249	1236	1498	1935	1321	1650	1752	2274	2395	2251				16312	15078
- POLYESTER	310.0150 & .0250	1898	1331	2390	1911	2512	2269	1885	2572	910				17678	12849
- OTHER	310.0170 & .0270[b]	483	225	438	400	403	409	395	365	397				3515	1451
MONOFILAMENTS	309.0200 & .0330[c]	275	256	267	218	196	202	206	145	146				1911	1663
STRIPS, OVER $1/LB	309.2100 & .2500*	108	127	62	164	142	117	221	120	81				1142	910
SUBTOTAL ABOVE		**8347**	**8832**	**8828**	**7368**	**9862**	**12306**	**13007**	**11182**	**9438**				**89170**	**80052**
STAPLE - NYLON	309.4330 & .4350	3716	4331	3835	4107	3294	3188	5098	4420	5346				37335	29238
- POLYESTER	309.4335 & .4360	2725	3058	3474	2831	2760	3278	3206	3099	2359				26790	20426
- ACRYLIC	309.4365	1473	822	887	1202	1542	1262	2407	1416	1511				12522	12952
- OLEFIN	309.4370	623	222	149	28	107	194	205	86	88				1702	4261
- OTHER	309.4340 & .4380	2666	1949	1613	1881	1478	820	1137	711	222				12477	18745
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3381	3504	3164	3153	3258	3555	3174	3266	3667				30122	21699
POLYESTER	309.3040 & .3340	147	150	204	84	197	108	223	165	122				1400	3897
ACRYLIC	309.3050 & .3350	972	670	1616	1048	1138	1393	1023	1359	1132				10351	6054
OTHER	309.3065 & .3365	341	203	141	285	364	380	102	154	123				2093	1570
SUBTOTAL ABOVE		**16044**	**14909**	**15083**	**14619**	**14138**	**14178**	**16575**	**14676**	**14570**				**134792**	**118842**
WASTE, NOT ADVANCED															
- NYLON	309.6625	1605	2239	2315	1439	1492	2304	2034	1274	1946				16648	23174
- POLYESTER	309.6630	560	403	465	827	511	434	733	402	408				4743	5755
- ACRYLIC	309.6645	0	0	6	0	19	0	188	36	40				289	202
- OTHER	309.6660	892	813	256	748	922	692	738	489	835				6385	1520
NOILS & GARNETTED FIBERS	309.6000 & .7000*	+	59	0	0	62	0	0	0	0				121	124
OTHER WASTE, ADVANCED	309.7525 - .7555	324	357	372	456	253	246	261	128	85				2482	2762
SUBTOTAL ABOVE		**3381**	**3871**	**3414**	**3470**	**3259**	**3676**	**3954**	**2329**	**3314**				**30668**	**33537**
TOTAL MAN-MADE ABOVE		**30752**	**30009**	**30293**	**28488**	**29341**	**32849**	**36467**	**30898**	**30286**				**279383**	**251815**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	+	+	0	1	+				1	1
- NONCELLULOSIC	310.1015[d]& .1205[e]	1743	1666	1034	1666	1137	770	519	372	310				9217	7036
OTHER - CELLULOSIC	310.1030 & .1535[f]	83	108	41	13	20	49	56	12	7				389	331
- NONCELLULOSIC	310.1050 & .1070[g]	496	261	113	248	321	722	385	505	268				3319	3812
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	227	105	155	182	232	282	361	221	343				2108	1329
- OTHER	310.4015 & .4027[i]	2619	3160	3542	3597	3591	4132	5686	4284	3364				33975	27196
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	225	385	830	1278	1957	1713	2388	2165	1356				12297	6719
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140[j]	284	491	478	387	411	495	369	369	406				3690	6527
SLIVER, TOPS & ROVING	309.9000	282	239	493	226	240	271	255	306	327				2639	1683
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2142	3090	2643	2221	1883	1891	2025	1328	1014				18237	25263
GRAND TOTAL ABOVE		**38853**	**39514**	**39622**	**38306**	**39133**	**43174**	**48511**	**40461**	**37681**				**365255**	**331712**

SOURCE: U.S. Census Bureau Report IM145X.
NES - Not elsewhere specified.
+ Means a nominal poundage.
* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.
a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1210, .1510 & .1514.
f. Also includes 310.2110.
g. Also includes 310.1550, .1555, .1570, .2030, .2050, .2130, .2150.
h. Also includes 310.5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Also includes 310.9300 & .9500.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 6:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	3	5	22	3	4	30	+	18				85	64
OTHER[b]	310.0026	483	499	712	729	742	573	532	435	632				5337	6426
MONOFILAMENTS	309.0110	18	3	22	8	1	0	12	0	156				220	73
STRIPS	309.2210	0	0	1	1	12	0	0	0	0				14	37
SUBTOTAL ABOVE		**501**	**505**	**740**	**760**	**758**	**577**	**574**	**435**	**806**				**5656**	**6600**
STAPLE+TOW-RAYON	309.4222	2262	2482	5331	790	2402	1665	3084	2893	1446				22355	28330
STAPLE-ACETATE	309.4219	175	102	162	223	208	64	77	141	135				1287	1254
SUBTOTAL ABOVE		**2437**	**2584**	**5493**	**1013**	**2610**	**1729**	**3161**	**3034**	**1581**				**23642**	**29584**
WASTE, ADVANCED&NOT ADVANCED	309.7400	**68**	**233**	**157**	**303**	**126**	**171**	**95**	**309**	**69**				**1531**	**999**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	1373	2025	2135	1843	2066	2230	2097	2397	2245				18411	20815
- HIGH TENACITY[c]	310.0027	5757	6837	5805	5895	5786	5273	7012	6434	6489				55288	52519
- OTHER	310.0029	638	1276	1238	867	425	849	731	753	1212				7989	6956
POLYESTER - TEXTURED	310.0010	7485	8451	9794	5928	15265	4250	4940	2921	2756				61790	98527
- HIGH TENACITY[c]	310.0032	1952	1435	1252	2765	2717	2942	1361	1355	1262				17041	24616
- OTHER[d]	310.0034	735	128	90	189	151	341	60	203	202				2099	7135
OTHER - TEXTURED	310.0014	8990	916	1023	1116	906	1433	1067	1586	1281				18318	6950
- OLEFIN	310.0040	67	951	84	119	87	45	25	72	61				1511	390
- OTHER	310.0044	212	600	479	524	742	400	697	394	709				4757	6405
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	376	287	312	533	437	561	332	258	479				3575	1792
POLYESTER[e]	309.0140	663	503	340	535	589	432	405	453	464				4384	4640
OTHER	309.0170	283	450	537	418	373	292	249	436	335				3373	8576
STRIPS	309.2220 & .2270	320	283	194	211	362	379	479	499	243				2970	3163
SUBTOTAL ABOVE		**28851**	**24142**	**23283**	**20943**	**29906**	**19427**	**19455**	**17761**	**17738**				**201506**	**242484**
STAPLE - NYLON	309.4240	1111	1230	1074	1054	1348	1272	858	801	1383				10131	8272
- POLYESTER	309.4242	8164	8395	9714	6651	9885	8676	9271	7998	7994				73748	154322
- ACRYLIC	309.4245	8607	7909	4248	4524	5220	3756	2981	4175	4515				45935	116937
- OLEFIN	309.4246	1844	1327	1269	1105	437	623	1018	1039	1242				9904	5588
- OTHER	309.4247	1124	2228	1796	1208	1324	1154	1351	813	1391				12389	7989
GROUPED FILAMENTS															
NYLON	309.3220	238	350	176	336	1987	226	204	356	291				4164	1464
POLYESTER[d]	309.3240	1997	2797	1950	1832	280	1339	1281	1135	2840				15451	24001
ACRYLIC	309.3250 & .3255	2090	2775	3435	1893	2280	1117	815	1925	1467				17797	23241
SUBTOTAL ABOVE		**25175**	**27011**	**20662**	**18603**	**22761**	**18163**	**17779**	**18242**	**21123**				**189519**	**341814**
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	299	806	408	628	785	387	525	1036	1265				6139	3873
- POLYESTER	309.7630	3848	5678	4934	7109	5390	4966	2224	5372	6118				45639	31199
- ACRYLIC	309.7640	569	624	1080	228	399	824	322	363	118				4527	3304
- OTHER	309.7660	3831	4801	3139	3779	3701	3241	1752	3903	3598				31745	11594
SUBTOTAL ABOVE		**8547**	**11909**	**9561**	**11744**	**10275**	**9418**	**4823**	**10674**	**11099**				**88050**	**49970**
TOTAL MAN-MADE ABOVE		**65579**	**66384**	**59896**	**53366**	**66436**	**49485**	**45887**	**50455**	**52416**				**509904**	**671451**
TEXTILE GLASS FIBER	309.2700 & .9700	4355	4551	5042	4580	5008	4536	5148	5639	5973				44832	46786
GRAND TOTAL ABOVE		**69934**	**70935**	**64938**	**57946**	**71444**	**54021**	**51035**	**56094**	**58389**				**554736**	**718237**

SOURCE: U.S. Census Bureau Report EM522.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 7A:
QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q	1984 YEAR	1985 1ST Q	1985 2ND Q	1985 3RD Q	1985 4TH Q	1985 YEAR	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR
						YARN+MONOFILAMENTS									
CELLULOSIC YARN[1]															
PRODUCTION	55.2	56.0	50.0	37.0	198.2	52.8	54.5	48.4	48.9	204.6	54.3	54.7	54.1		
SHIPMENTS - DOMESTIC	48.7	51.9	43.4	36.1	180.1	44.4	48.0	46.6	48.1	187.1	48.6	50.4	47.7		
- EXPORT	5.8	4.2	4.4	3.8	18.2	7.3	6.0	4.6	5.1	23.0	4.7	5.1	4.9		
TOTAL SHIPMENTS	54.5	56.1	47.8	39.9	198.3	51.7	54.0	51.2	53.2	210.1	53.3	55.5	52.6		
ENDING STOCK	13.2	13.1	15.3	12.4		18.9	19.4	16.6	12.3		13.3	12.5	14.0		
NYLON															
PRODUCTION	400.9	407.9	383.3	385.2	1577.3	370.8	360.3	386.7	397.0	1514.8	396.9	396.5	398.3		
SHIPMENTS - DOMESTIC	365.1	370.7	348.9	353.4	1438.1	323.7	353.0	368.9	371.8	1417.4	363.4	368.7	377.7		
- EXPORT	29.9	30.1	29.1	30.2	119.3	33.5	25.0	33.3	26.6	118.4	26.7	28.2	25.1		
TOTAL SHIPMENTS	395.0	400.8	378.0	383.6	1557.4	357.2	378.0	402.2	398.4	1535.8	390.1	396.9	402.8		
ENDING STOCK	126.7	133.8	139.1	140.7		154.3	136.6	121.1	119.7		126.5	126.1	121.6		
OLEFIN[2]															
PRODUCTION	178.0	184.5	171.5	213.1	747.1	231.6	251.1	234.5	237.3	954.5	245.9	255.7	255.8		
SHIPMENTS - DOMESTIC	169.3	180.2	169.6	206.5	725.6	223.6	246.0	234.4	233.6	937.6	241.3	258.4	253.4		
- EXPORT	4.3	3.8	4.2	4.2	16.5	3.6	3.8	3.2	2.9	13.5	2.4	2.9	2.6		
TOTAL SHIPMENTS	173.6	184.0	173.8	210.7	742.1	227.2	249.8	237.6	236.5	951.1	243.7	261.3	256.0		
ENDING STOCK	60.9	61.4	59.1	61.5		65.9	67.2	64.1	64.9		67.1	61.5	61.3		
POLYESTER															
PRODUCTION	318.8	297.5	279.8	303.9	1200.0	316.2	340.8	345.9	318.0	1320.9	322.2	271.5	284.6		
SHIPMENTS - DOMESTIC	291.9	286.1	276.9	290.0	1144.9	290.1	311.6	309.2	293.3	1204.2	284.8	253.5	272.8		
- EXPORT	14.1	12.4	9.9	16.8	53.2	17.7	30.6	29.0	31.0	108.3	21.8	23.8	14.3		
TOTAL SHIPMENTS	306.0	298.5	286.8	306.8	1198.1	307.8	342.2	338.2	324.3	1312.5	306.6	277.3	287.1		
ENDING STOCK	110.4	109.4	102.4	99.5		107.9	106.5	114.2	107.9		123.5	117.7	115.2		
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	897.7	889.9	834.6	902.2	3524.4	918.6	952.2	967.1	952.3	3790.2	965.0	923.7	938.7		
SHIPMENTS - DOMESTIC	826.3	837.0	795.4	849.9	3308.6	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	903.9		
- EXPORT	48.3	46.3	43.2	51.2	189.0	54.8	59.4	65.5	60.5	240.2	50.9	54.9	42.0		
TOTAL SHIPMENTS	874.6	883.3	838.6	901.1	3497.6	892.2	970.0	978.0	959.2	3799.4	940.4	935.5	945.9		
ENDING STOCK	298.0	304.6	300.6	301.7		328.1	310.3	299.4	292.5		317.1	305.3	298.1		
DOMESTIC SHIPMENTS	826.3	837.0	795.4	849.9	3308.6	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	903.9		
IMPORTS -TEXTURED YARN[3]	12.4	13.3	12.0	12.3	50.0	16.2	16.2	22.7	17.8	72.9	17.9	19.5	20.4		
- OTHER YARN[3]	12.9	13.2	13.9	11.1	51.1	11.9	12.0	9.3	8.4	41.6	12.3	13.9	14.7		
- MONOFILAMENTS	1.0	0.7	0.8	0.4	2.9	0.6	0.6	0.5	0.4	2.1	0.8	0.6	0.5		
TOTAL IMPORTS	26.3	27.2	26.7	23.8	104.0	28.7	28.8	32.5	26.6	116.6	31.0	34.0	35.6		
TOTAL AVAILABLE	852.6	864.2	822.1	873.7	3412.6	866.1	939.4	945.0	925.3	3675.8	920.5	914.6	939.5		
						TEXTILE GLASS FIBER									
PRODUCTION	333.3	337.0	342.9	380.8	1394.0	NA	NA	NA	NA	NA	NA	NA	NA		
SHIPMENTS - DOMESTIC	305.1	340.8	311.0	293.8	1250.7	300.6	NA	NA	NA	NA	NA	NA	NA		
- EXPORT	11.7	14.8	14.9	16.6	58.0	17.3	NA	NA	NA	NA	NA	NA	NA		
TOTAL SHIPMENTS	316.8	355.6	325.9	310.4	1308.7	317.9	325.6	318.8	297.3	1259.6	330.6	352.6	333.9		
ENDING STOCK	141.2	122.6	139.6	210.0		NA	NA	NA	NA		NA	NA	NA		
IMPORTS	7.8	5.7	5.4	4.2	23.1	7.5	9.4	8.4	9.4	34.7	7.9	6.0	4.4		
TOTAL AVAILABLE	312.9	346.5	316.4	298.0	1273.8	308.1	NA	NA	NA	NA	NA	NA	NA		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA means no longer available.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "other" noncellulosic yarn (chiefly saran & spandex) are available annually only; see pages 52 & 53 of the March 1986 issue for further details on these yarns.

b. Also include film fiber as well as spunbonded polypropylene.

c. Includes singles and plied.

d. Acetate staple+tow data are available annually only; see pages 52 & 53 of the March 1986 issue for further details.

e. These figures are composites of the nylon, acrylic+mod-acrylic polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345, & .4346.

f. 1984 data - Acetate Yarn only.

TABLE 7B:
QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1984					1985					1986				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
						STAPLE+TOW[d]									
RAYON															
PRODUCTION	**104.0**	**103.7**	**94.0**	**87.5**	**389.2**	**85.6**	**85.8**	**87.2**	**94.1**	**352.7**	**95.1**	**99.7**	**103.4**		
SHIPMENTS - DOMESTIC	90.7	82.5	81.6	77.1	331.9	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1		
- EXPORT	11.3	20.3	10.3	10.2	52.1	7.9	13.5	10.0	3.6	35.0	6.3	6.9	7.3		
TOTAL SHIPMENTS	**102.0**	**102.8**	**91.9**	**87.3**	**384.0**	**81.7**	**90.1**	**92.9**	**94.0**	**358.7**	**97.9**	**98.9**	**102.4**		
ENDING STOCK	**25.3**	**26.2**	**28.3**	**28.5**		**32.4**	**28.1**	**22.4**	**22.5**		**19.7**	**20.5**	**21.5**		
DOMESTIC SHIPMENTS	90.7	82.5	81.6	77.1	331.9	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1		
IMPORTS FOR CONSUMPTION															
STAPLE	4.4	3.2	3.9	3.9	15.4	3.8	2.2	2.4	2.9	11.3	2.9	3.6	4.6		
GROUPED FILAMENTS	0.4	0.3	0.5	0.4	1.6	0.3	0.3	0.3	0.2	1.1	0.3	0.3	0.3		
TOTAL IMPORTS	4.8	3.5	4.4	4.3	17.0	4.1	2.5	2.7	3.1	12.4	4.2	3.9	4.9		
TOTAL AVAILABLE	**95.5**	**86.0**	**86.0**	**81.4**	**348.9**	**77.9**	**79.1**	**85.6**	**93.5**	**336.1**	**95.8**	**95.9**	**100.0**		
NYLON															
PRODUCTION	**220.9**	**216.6**	**193.0**	**204.3**	**834.8**	**191.6**	**200.8**	**215.6**	**219.7**	**827.7**	**220.5**	**207.4**	**236.1**		
SHIPMENTS-DOMESTIC	211.1	210.6	194.5	198.2	814.4	192.8	202.7	212.9	221.9	830.3	195.2	203.2	254.3		
-EXPORT	5.6	3.1	4.6	3.6	16.9	3.3	3.1	3.2	3.7	13.3	3.9	2.9	3.0		
TOTAL SHIPMENTS	**216.7**	**213.7**	**199.1**	**201.8**	**831.3**	**196.1**	**205.8**	**216.1**	**225.6**	**843.6**	**199.1**	**206.1**	**257.3**		
ENDING STOCK	**79.3**	**82.2**	**76.1**	**78.6**		**74.1**	**69.1**	**68.6**	**62.7**		**84.1**	**85.4**	**64.2**		
IMPORTS	7.9	7.8	12.1	10.5	38.3	8.7	8.0	12.5	9.3	38.5	11.9	10.6	14.9		
TOTAL AVAILABLE	**219.0**	**218.4**	**206.6**	**208.7**	**852.7**	**201.5**	**210.7**	**225.4**	**231.2**	**868.8**	**207.1**	**213.8**	**269.2**		
ACRYLIC+MODACRYLIC															
PRODUCTION	**171.7**	**174.9**	**164.7**	**159.5**	**670.8**	**163.0**	**158.5**	**152.1**	**157.2**	**630.8**	**149.0**	**151.1**	**158.0**		
SHIPMENTS-DOMESTIC	120.6	124.2	107.7	94.2	446.7	105.3	119.7	118.6	115.1	458.7	123.1	143.7	138.7		
-EXPORT	48.5	51.3	60.7	59.0	219.5	59.0	42.4	46.7	37.0	185.1	27.1	19.2	17.8		
TOTAL SHIPMENTS	**169.1**	**175.5**	**168.4**	**153.2**	**666.2**	**164.3**	**162.1**	**165.3**	**152.1**	**643.8**	**150.2**	**162.9**	**156.5**		
ENDING STOCK	**75.4**	**74.8**	**71.1**	**77.4**		**76.1**	**72.5**	**59.3**	**64.4**		**63.2**	**51.4**	**52.9**		
IMPORTS	3.3	3.8	3.9	2.5	13.5	3.4	3.6	5.9	4.7	17.6	3.2	4.0	5.3		
TOTAL AVAILABLE	**123.9**	**128.0**	**111.6**	**96.7**	**460.2**	**108.7**	**123.3**	**124.5**	**119.8**	**476.3**	**126.3**	**147.7**	**144.0**		
OLEFIN+VINYON															
PRODUCTION	**57.3**	**61.8**	**64.4**	**66.4**	**249.9**	**69.1**	**72.7**	**75.1**	**77.8**	**294.7**	**82.4**	**82.3**	**84.7**		
SHIPMENTS-DOMESTIC	53.7	61.0	62.7	63.5	240.9	67.2	71.9	70.8	69.8	279.7	73.9	82.6	76.4		
-EXPORT	3.8	0.6	0.5	0.9	5.8	1.0	2.0	3.2	2.3	8.5	4.2	4.8	4.8		
TOTAL SHIPMENTS	**57.5**	**61.6**	**63.2**	**64.4**	**246.7**	**68.2**	**73.9**	**74.0**	**72.1**	**288.2**	**78.1**	**87.4**	**81.2**		
ENDING STOCK	**19.8**	**20.0**	**21.2**	**23.2**		**24.1**	**22.9**	**24.0**	**29.7**		**34.0**	**28.9**	**32.4**		
POLYESTER															
PRODUCTION	**561.6**	**573.5**	**531.4**	**525.3**	**2191.8**	**520.7**	**512.2**	**468.9**	**518.3**	**2020.1**	**520.8**	**538.7**	**522.1**		
SHIPMENTS-DOMESTIC	514.2	527.7	481.3	469.0	1992.2	456.3	460.2	462.4	493.8	1872.7	499.1	499.9	496.3		
-EXPORT	32.8	34.6	44.8	88.0	200.2	51.0	63.2	29.1	22.6	165.9	25.7	25.0	31.6		
TOTAL SHIPMENTS	**547.0**	**562.3**	**526.1**	**557.0**	**2192.4**	**507.3**	**523.4**	**491.5**	**516.4**	**2038.6**	**524.8**	**524.9**	**527.9**		
ENDING STOCK	**188.7**	**199.9**	**205.2**	**173.5**		**186.9**	**175.7**	**153.1**	**155.0**		**151.0**	**164.8**	**159.0**		
IMPORTS	7.8	5.5	5.2	4.4	22.9	5.5	7.7	7.3	6.3	26.8	9.3	8.9	8.7		
TOTAL AVAILABLE	**522.0**	**533.2**	**486.5**	**473.4**	**2015.1**	**461.8**	**467.9**	**469.7**	**500.1**	**1399.5**	**508.4**	**508.8**	**505.0**		
TOTAL NONCELLULOSIC															
PRODUCTION	**1011.5**	**1026.8**	**953.5**	**955.5**	**3947.3**	**944.4**	**944.2**	**911.7**	**973.0**	**3773.3**	**972.7**	**979.5**	**1000.9**		
SHIPMENTS-DOMESTIC	899.6	923.5	846.2	824.9	3494.2	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7		
-EXPORT	90.7	89.6	110.6	151.5	442.4	114.3	110.7	82.2	65.6	372.8	60.9	51.9	57.2		
TOTAL SHIPMENTS	**990.3**	**1013.1**	**956.8**	**976.4**	**3936.6**	**935.9**	**965.2**	**946.9**	**966.2**	**3814.2**	**952.2**	**981.3**	**1022.9**		
ENDING STOCK	**363.2**	**376.9**	**373.6**	**352.7**		**361.2**	**340.2**	**305.0**	**311.8**		**332.3**	**330.5**	**308.5**		
DOMESTIC SHIPMENTS	899.6	923.5	846.2	824.9	3494.2	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[e]	19.0	17.1	21.2	17.4	74.7	17.6	19.3	25.7	20.3	82.9	24.4	23.5	28.9		
OTHER N.C. STAPLE	4.6	4.2	5.3	3.5	17.6	7.1	7.3	8.7	8.2	31.3	7.2	4.4	2.5		
GROUPED FILAMENTS	11.0	9.5	9.6	8.7	38.8	9.5	11.8	11.9	12.3	45.5	14.4	15.0	14.4		
TOTAL IMPORTS	34.6	30.8	36.1	29.6	131.1	34.2	38.4	46.3	40.8	159.7	46.0	42.9	45.8		
TOTAL AVAILABLE	**934.2**	**954.3**	**882.3**	**854.5**	**3625.3**	**855.8**	**892.9**	**911.0**	**941.4**	**3601.1**	**937.3**	**972.3**	**1011.5**		

See footnotes on opposite page.

TABLE 8:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1986	1985
	TOTAL SHIPMENTS[b]													
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
CELLULOSIC YARN	**17.8**	**17.2**	**18.3**	**19.4**	**18.9**	**17.2**	**17.7**	**17.3**	**17.6**	**17.5**			**178.9**	**174.5**
NYLON[e]	26.3	29.5	28.8	29.1	27.6	26.7	23.3	27.3	25.7	31.1			275.4	288.2
- CARPET	69.6	71.1	71.1	75.7	71.2	74.8	76.8	78.6	83.9	77.6			750.4	686.3
- TEXTILE	30.9	31.1	31.7	32.1	30.6	29.1	29.0	28.0	30.2	30.0			302.7	295.6
POLYESTER - INDUSTRIAL[f]	28.2	25.6	27.9	26.7	24.4	24.6	24.6	24.7	25.5	27.8			260.0	243.5
- TEXTILE[k]	77.1	78.0	69.8	68.3	72.0	60.7	68.5	71.5	72.3	74.1			712.9	859.0
OLEFIN	75.1	84.2	84.4	83.9	85.0	92.4	76.9	88.9	90.2	89.7			850.7	790.0
TOTAL NONCELLULOSIC ABOVE[i]	307.2	319.5	313.7	315.8	311.4	308.3	299.1	319.0	327.8	330.3			3152.1	3162.6
STAPLE +TOW+FIBERFILL[j]														
RAYON	**34.9**	**30.0**	**33.0**	**32.7**	**34.9**	**31.3**	**34.2**	**34.9**	**33.3**	**35.6**			**334.8**	**298.3**
NYLON[e]	70.7	64.1	64.3	67.1	71.9	67.1	79.3	86.6	91.4	91.4			753.9	693.6
ACRYLIC+MODACRYLIC	50.2	47.8	52.2	55.7	55.4	51.8	50.0	50.7	55.8	53.7			523.3	550.4
POLYESTER	179.9	171.2	173.7	180.8	183.9	160.2	166.2	174.0	187.7	188.5			1766.1	1703.0
OLEFIN+VINYON	24.0	25.4	28.7	28.2	29.3	29.9	27.8	27.3	26.1	28.3			275.0	241.0
TOTAL NONCELLULOSIC ABOVE	324.8	308.5	318.9	331.8	340.5	309.0	323.3	338.6	361.0	361.9			3318.3	3188.0
	END-OF-MONTH STOCK													
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**13.3**	**12.2**	**13.3**	**12.1**	**12.2**	**12.5**	**13.3**	**13.3**	**14.0**	**14.7**			**14.7**	**15.2**
NYLON[e] - INDUSTRIAL[f]	23.8	25.6	24.1	26.1	27.2	25.4	30.3	33.6	30.5	30.4			30.4	28.6
- CARPET	55.4	51.8	56.2	52.5	59.0	56.8	55.4	55.8	52.9	42.2			42.2	41.9
- TEXTILE[k]	49.0	46.1	46.2	44.7	45.8	43.9	44.6	40.1	38.2	45.6			45.6	42.9
POLYESTER - INDUSTRIAL[f]	25.1	26.1	26.9	27.2	28.9	31.5	32.0	32.9	34.5	29.8			29.8	25.0
- TEXTILE	84.7	90.3	96.6	96.5	91.9	86.2	82.8	83.9	80.7	82.6			82.6	87.7
OLEFIN[h]	66.7	69.4	67.1	69.5	66.4	61.5	64.7	63.4	61.3	60.3			60.3	61.5
TOTAL NONCELLULOSIC ABOVE	304.7	309.3	317.1	316.5	319.2	305.3	309.8	309.7	298.1	290.9			290.9	287.6
STAPLE+TOW+FIBERFILL														
RAYON	**20.7**	**21.1**	**19.7**	**20.1**	**18.4**	**20.5**	**20.5**	**19.5**	**21.5**	**23.0**			**23.0**	**19.8**
NYLON[e]	63.0	70.4	84.1	89.1	88.0	85.4	78.7	68.4	64.2	62.7			62.7	69.4
ACRYLIC+MODACRYLIC	66.1	66.3	63.2	56.8	53.4	51.4	54.9	56.9	52.9	52.1			52.1	54.4
POLYESTER	147.9	147.3	151.0	148.6	150.4	164.8	170.8	162.4	159.0	150.4			150.4	138.7
OLEFIN+VINYON	33.3	33.7	34.0	31.7	29.7	28.9	30.4	30.6	32.4	29.5			29.5	26.6
TOTAL NONCELLULOSIC ABOVE	310.3	317.7	332.3	326.2	321.5	330.5	334.8	318.3	308.5	294.7			294.7	289.1
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.6	13.2	13.1	13.2	13.3	14.7	11.5	12.2	13.0				116.8	92.6
CARPET CLASS WOOL	1.0	0.8	0.9	0.8	0.7	0.7	0.7	1.1	1.0				7.7	9.6
TOTAL RAW WOOL	13.6	14.0	14.0	14.0	14.0	15.4	12.2	13.3	14.0				124.5	102.2
RAW COTTON	269.5	263.3	265.0	265.2	265.6	280.0	222.9	282.0	289.0	293.2			2695.7	2336.1

a. Year-to-date totals for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 53 of the March 1986 issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier Industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 53 of the March 1986 issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 53 of the March 1986 issue.
k. Low denier industrial[g] Nylon and Polyester is now included with Textile.

GRAPH 3:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

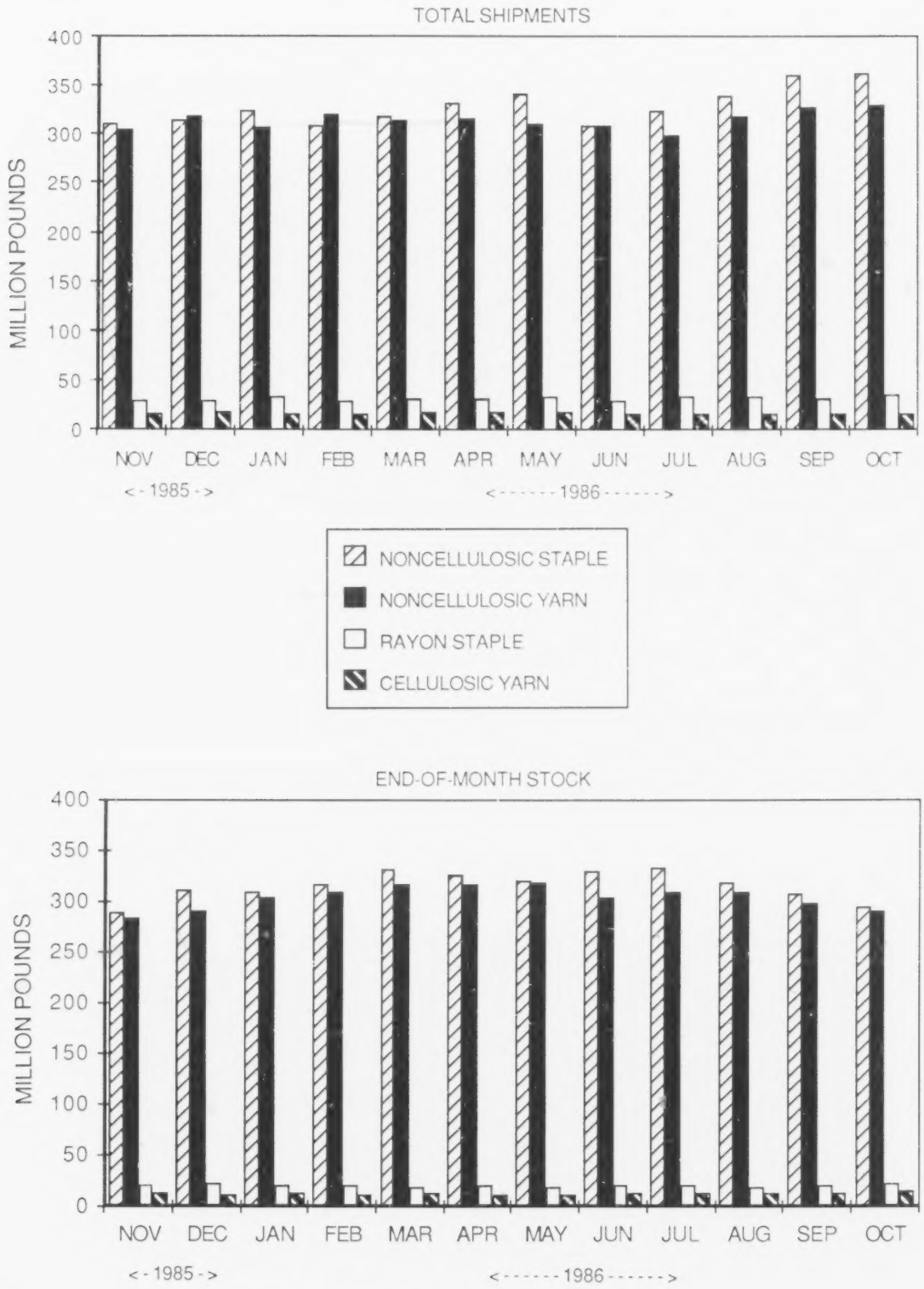


TABLE 9:
RAW FIBER EQUIVALENT OF IMPORTS & EXPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS (REVISED)

	MAN-MADE FIBER							COTTON							WOOL						
	ANNUAL AVERAGE							ANNUAL AVERAGE							ANNUAL AVERAGE						
COMMODITY	1971-1975	1976-1980	1981	1982	1983	1984	1985	1971-1975	1976-1980	1981	1982	1983	1984	1985	1971-1975	1976-1980	1981	1982	1983	1984	1985
IMPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC [a]	23.1	37.3	34.9	38.2	58.0	71.0	81.1	24.5	20.5	24.1	28.5	42.1	54.6	56.3	6.5	5.4	5.0	7.7	7.6	16.3	14.1
CLOTH [b]	101.9	88.9	106.2	105.7	138.0	170.4	214.3	277.4	273.0	350.3	266.5	346.3	450.8	435.3	10.1	19.9	27.8	25.6	28.1	39.0	35.8
SUBTOTAL	125.0	126.2	141.1	143.9	196.0	241.4	295.4	301.9	293.5	374.4	295.0	388.4	505.4	491.6	16.6	25.3	32.8	33.3	35.7	55.3	49.9
MANUFACTURED PRODUCTS																					
WEARING APPAREL [c]	273.6	374.9	437.1	486.5	576.0	688.9	800.5	175.9	392.4	504.0	510.5	622.8	759.5	895.7	27.3	40.6	40.9	46.4	58.6	80.8	137.1
INDUSTRIAL [d]	7.3	0.6	0.3	1.1	1.3	0.4	0.9	7.7	6.8	8.8	10.0	14.3	37.6	46.2	NOMINAL POUNDAGES INCLUDED IN OTHER						
HOME FURNISHINGS [e]	28.1	41.9	60.6	66.5	296.1	411.3	389.7	34.2	45.1	59.5	67.0	78.0	138.9	165.7	12.3	15.2	18.5	19.6	34.8	52.1	60.5
ALL OTHER [f]								14.1	18.4	15.2	14.7	31.9	39.4	98.3	2.2	1.1	0.9	0.8	2.6	1.2	1.3
SUBTOTAL	309.0	417.4	498.0	554.1	873.4	1100.6	1191.1	231.9	462.7	587.5	602.2	747.0	959.4	1135.9	41.8	56.9	60.3	66.8	96.2	134.1	198.9
TOTAL IMPORTS	434.0	543.6	639.1	698.0	1069.4	1342.0	1486.5	533.8	756.2	961.9	897.2	1135.4	1464.8	1627.5	58.4	82.2	93.1	100.1	131.9	189.4	248.8
EXPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC [a]	26.5	44.6	62.2	40.2	35.3	38.5	50.9	20.6	29.7	38.1	30.1	31.2	20.0	25.8	16.1	4.1	3.6	4.9	4.0	2.7	9.3
CLOTH [g]	129.4	212.5	256.4	174.8	148.6	152.6	158.6	166.7	223.9	127.7	84.8	59.4	64.5	82.3	0.9	1.2	1.9	1.4	1.1	1.4	1.6
SUBTOTAL	155.9	257.1	318.6	215.0	183.9	191.1	209.5	211.3	253.6	165.8	114.9	90.6	84.5	108.0	17.0	5.3	5.5	6.3	5.1	4.1	10.9
MANUFACTURED PRODUCTS																					
WEARING APPAREL	23.2	62.2	120.7	75.2	70.8	79.4	65.2	35.4	90.6	123.0	80.0	72.1	68.2	55.4	2.0	6.2	4.0	2.9	3.0	2.7	3.9
INDUSTRIAL [d]	13.1	65.5	48.1	27.8	23.2	31.3	30.2	18.8	23.7	17.5	14.3	11.6	14.4	16.5	NOMINAL POUNDAGES INCLUDED IN OTHER						
HOME FURNISHINGS [h]	30.7	65.9	84.2	65.9	10.7	102.9	70.3	27.0	39.1	38.7	28.3	31.6	36.9	32.7	2.0	1.4	0.3	0.2	9.3	6.5	*
ALL OTHER [i]	40.4	55.3	66.1	54.6	172.1	83.3	73.5	25.1	90.8	22.3	15.9	13.7	0.6	0.4	1.6	2.0	2.0	1.4	1.5	1.8	1.2
SUBTOTAL	107.4	248.9	319.1	223.5	276.8	296.9	239.2	106.3	174.2	201.5	138.5	129.0	120.1	105.0	5.6	9.6	6.3	4.5	13.8	11.0	5.1
TOTAL EXPORTS	263.3	506.0	637.7	438.5	460.7	488.0	448.7	317.6	427.8	367.3	253.4	219.6	204.6	213.0	22.6	14.9	11.8	10.8	18.9	15.1	16.0
NET EXPORTS (+) OR NET WORTH (-)	-170.7	-37.6	-1.4	-259.5	-608.7	-854.0	-1037.8	-216.2	-328.4	-594.6	-643.8	-915.8	-1260.2	-1414.5	-35.8	-67.3	-81.3	-89.3	-113.0	-174.3	-232.8

SOURCE: U.S. Department of Agriculture, *Cotton and Wool Outlook & Situation*

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1980-1985 only; the corresponding poundages for each year are, respectively (in millions of pounds): 142.4, 254.0, 166.2, 83.1, 106.8, & 158.9.
Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and hand-work yarns. Yarn singles (textured and other) are not included here; rather they are included in Column 13 on page 54 of the March 1986 ***Textile Organon***.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel. For 1983, 1984 & 1985, cotton and man-made fiber includes imports of soft sided luggage. For those years the poundages were, respectively, 180.5, 228.0, 157.4 for man-made fiber and 14.1, 18.7 & 8.2 for cotton.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes fabric damage, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric.

Note: In the case of blended fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

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